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**AMENDMENTS TO THE DRAWINGS**

The attached 5 replacement drawing sheets include changes to:

Fig.1 on replacement sheet 1, wherein feed paths formerly labeled as 11 and subreflectors formerly labeled as 12 at various places in the figure are now labeled 112, 114, 116, 118, and 120 and 122, respectively.

Fig.2 on replacement sheet 1, wherein feed paths formerly labeled as 11, a switch formerly labeled as 11 and ferrite switches formerly labeled as 21 and loads formerly labeled as 22, frequency inputs formerly labeled as F, and scheduler formerly labeled as 20, at various places in the figure are now labeled 110, 116, 118, 212 214, 226, 228, F3, F4, and 202.

Fig.3 on replacement sheet 2, wherein cells formerly labeled as 30, 31, and 32 at various places in the figure are now labeled 306, 310, 316, 318, 320, 322, and 324, respectively.

Fig.5 on replacement sheet 3, wherein cells formerly labeled as 32 at various places in the figure are now labeled 322 and 324, respectively.

Fig.6 on replacement sheet 4, wherein ATM Cell Switch with outbound modules formerly labeled as 61 and OB 61 are now labeled 610, OBM 612, and OBM 614, respectively.

Fig.7 on replacement sheet 4, wherein element formerly labeled as Payloa 708, Payload, VPI/VCI address formerly labeled as 71 and Output Buffer formerly labeled as 70 are now labeled Payload 708, Payload 708, VPI/VCI 710, and Output Buffer 704, respectively.

Fig.8 on replacement sheet 5, wherein D/L Schedule Table formerly labeled as 81, CPU formerly labeled as CP 82, Priority Queue formerly labeled as Priority Queu 80, Switch Interface Controller formerly labeled as SI 806, Interface Electronics module formerly labeled as IE 82, Downlink Formatter formerly labeled as DL 82, and Beam A/B output module formerly labeled

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as Beam A/, are now labeled as D/L Schedule Table formerly labeled as 810, CPU 828, Priority Queue 804, SIC 806, IEA 822, DLF 826, and Beam A/B, respectively.

Attachment: (5) Replacement Sheets

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**REMARKS**

Claims 1-35 were pending in the present application. Claims 1, 5-8, 16-19, 26, and 30-33 are canceled herein. Thus, claims 2-4, 9-15, 20-25, 27-29, 34, and 35 are now pending.

Reconsideration of the present application is respectfully requested.

The applicants note with appreciation the acceptance of the drawings. Applicants further note with appreciation the copy of the PTO form 1449 submitted with the Information Disclosure Statement filed May 25, 2004 on which the Examiner has initialed all listed items.

The specification was objected to based on information associated with related case citations on pages 1 and 27. The specification is amended herein to address these items.

The applicants have further submitted herein 5 replacement drawing sheets. Entry is respectfully requested.

Claims 1, 16, and 26 were rejected under 35 USC 112, second paragraph, as being allegedly indefinite. While claims 1, 16, and 26 are canceled herein rendering the rejection moot with regard to these claims, it is respectfully submitted that in making the rejection, the Examiner merely asserts that the recitation of the pertinent features is vague.

In order to establish a *prima facie* case of indefiniteness, the Examiner must show evidence that one of ordinary skill in the art when reading the claims in light of the specification would have been unable to determine *with a reasonable degree of certainty*, the scope of the claims. Thus the features of for example, at least one of a payload and a frame type for at least one of a payload and a frame to be transmitted, and payload data pointers to data in memory to be transmitted in the payload are quite specific and, when read in light of the specification are

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clearly directed to specific subject matter to which the applicant considers the invention to pertain.

Since a *prima facie* case of indefiniteness has not been properly established with regard to the features of the canceled claims, the noted features have been incorporated into the rewritten claims unchanged. It is submitted that if the Examiner still considers the noted language indefinite, it is respectfully requested that evidence be provided to show how or why one of ordinary skill in the art would not be able to determine the scope of these claims with a reasonable degree of certainty.

Claims 1, 2, 5-8, 10, 14-19, 21, and 26-34 were rejected under 35 USC 102(e) as being allegedly anticipated by Takahashi U.S. Patent No. 6,597,669. Claims 1, 2, 5-8, 10, 14-19, 21, and 26-34 are canceled herein rendering the rejection moot.


The indication of allowability with regard to claims 3, 4, 9, 11-13, 20, 22-25, and 35 is noted with appreciation. Claims 3, 4, 9, 11-13, 20, 22-25, and 35 have been rewritten where applicable in independent form or have been amended to depend from claims rewritten in independent form to include the limitations of the base claims and intervening claims and are thus allowable. In addition claims 2, 10, 14, 15, 21, 27-29, and 34 have been amended to modify the respective dependencies in order to depend from claims indicated allowable. The claims 2, 10, 14, 15, 21, 27-29, and 34 are also allowable. Favorable consideration is respectfully requested.

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In view of the foregoing, the applicants respectfully submit that this application is in condition for allowance. A timely notice to that effect is respectfully requested. If questions relating to patentability remain, the examiner is invited to contact the undersigned by telephone.

Please charge any unforeseen fees that may be due to Deposit Account No. 50-1147.

Respectfully submitted,



David G. Posz  
Reg. No. 37,701

Posz & Bethards, PLC  
11250 Roger Bacon Drive, Suite 10  
Reston, VA 20190  
Phone 703-707-9110  
Fax 703-707-9112  
Customer No. 23400